

a1 notification condition, and a portable radio section for receiving the notification of the notification condition and notifying said portable terminal section of the circuit state when the circuit state satisfies the notification condition received from said portable terminal section;

said radio portable terminal being operable to connect a radio circuit based on the circuit state of the notification received from said portable radio section to transmit and receive data to and from a server over a radio communication network, a public network and a wire communication network.

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10. (Amended) A radio data communication method, comprising:

a2 a portable terminal step performed by a radio portable terminal for deciding a notification condition of a circuit state between the radio portable terminal and a base station based on information of power supply supplied to said radio portable terminal and issuing a notification of the notification condition;

a portable radio step performed by said radio portable terminal for receiving the notification of the notification condition and notifying the portable terminal step of the circuit state when the circuit state satisfies the condition received from the portable terminal step; and

a connection step performed by said radio portable terminal of connecting a radio circuit based on the circuit condition of the notification received from the portable radio step to transmit and receive data to and from a server over a radio communication network, a public network and a wire communication network.

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